

What is claimed is:

1. A passive keyless entry device for monitoring a tire pneumatic pressure by bidirectional communication, is including a car mounting device mounted to an automobile, a keyless entry portable device and a transmitter-receiver for monitoring the tire pneumatic pressure, wherein said car mounting device comprises a low frequency signal transmitting section for transmitting a request signal of a low frequency to said keyless entry portable device and said transmitter-receiver for monitoring the tire pneumatic pressure, a receiving section for a keyless entry for receiving an answer signal of a high frequency responsive to said request signal from said keyless entry portable device, a receiving section for monitoring the tire pneumatic pressure for receiving the answer signal of the high frequency responsive to said request signal from said transmitter-receiver for monitoring the tire pneumatic pressure, and a controller for forming said request signal and controlling the operation of a door lock mechanism in response to said answer signal and obtaining tire pneumatic pressure information.

2. The passive keyless entry device for monitoring the tire pneumatic pressure by the bidirectional communication, according to claim 1, wherein four antennas for transmitting low frequencies commonly used are connected to said keyless entry portable device and said transmitter-receiver for monitoring the tire pneumatic pressure in said low frequency signal transmitting section.

3. The passive keyless entry device for monitoring the tire pneumatic pressure by the bidirectional communication, according

to claim 1, wherein four receiving antennas for high frequencies are connected to said receiving section for monitoring the tire pneumatic pressure.

4. The passive keyless entry device for monitoring the tire
5 pneumatic pressure by the bidirectional communication, according to claim 1, wherein said transmitter-receiver for monitoring the tire pneumatic pressure obtains the pneumatic pressure information from a pneumatic pressure sensor mounted to each tire.